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(71) Applicant: **NIPPON STEEL CORP
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TAKIGAWA KENJI**

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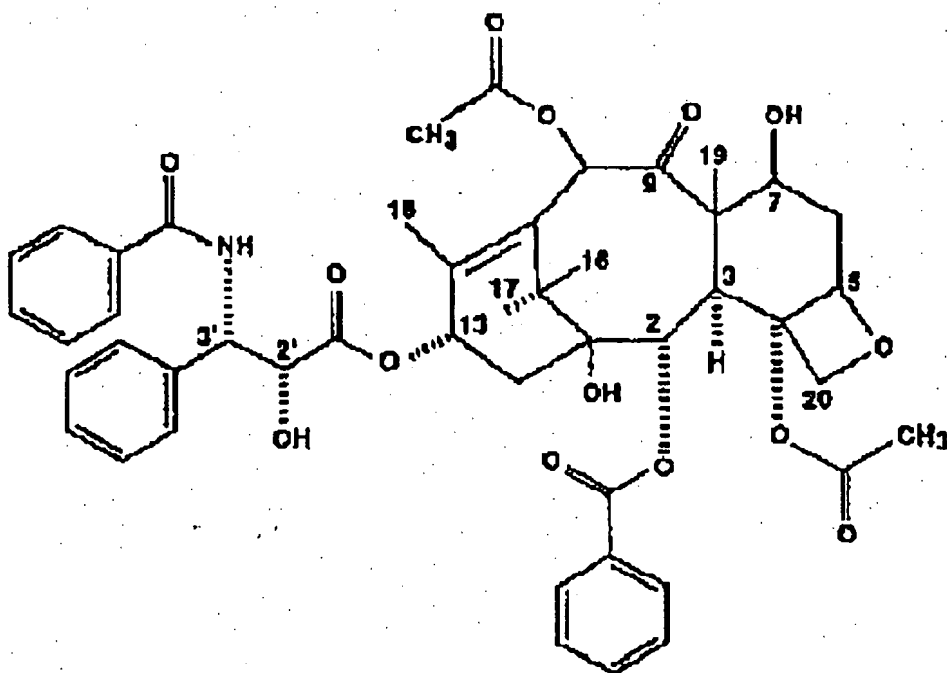
(54) **PRODUCTION OF TAXANE COMPOUND BY TISSUE CULTURE OF TAXUS PLANT**

(57) Abstract:

PURPOSE: To stably and efficiently obtain a taxane compound useful for medicines (raw materials) such as an anticancer medicine excellent for the therapy of ovarian cancer, breast cancer, and lung cancer, etc., by subjecting the tissue of a Taxus species plant to a tissue culture treatment in a culture medium having a specific iodide ion concentration.

CONSTITUTION: A method for producing a taxane compound by the tissue culture of a Taxus species plant comprises immersing the current shoot of a Taxus species plant, such as Taxus baccata, belonging to the genus Taxus in a 1% antiformin solution for 20min, cutting the surface-sterilized current shoot into pieces having a length of approximately 5mm under an aseptic condition, placing the obtained pieces on a solid culture medium containing dibberellin as a plant hormone, leaving the pieces under the conditions of darkness and 20°C for 10 days, planting the induced callus

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Title: **JP8298993A2: PRODUCTION OF TAXANE COMPOUND BY TISSUE CULTURE OF TAXUS PLANT**

Country: **JP Japan**

Kind: **A**

Inventor: **TAKAMI MASAMICHI;
TAKIGAWA KENJI;**

Assignee: **NIPPON STEEL CORP
NIPPON STEEL CHEM CO LTD**
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Priority Number: **May 2, 1995 JP1995000108622**

Abstract:

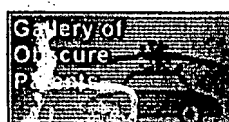
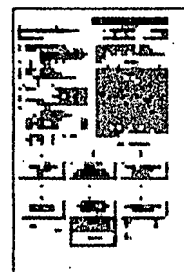
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